



BPA VACANCY ANNOUNCEMENT

(#00-126)

U.S. DEPARTMENT OF ENERGY
BONNEVILLE POWER
ADMINISTRATION

PROFESSIONAL AND
SCIENTIFIC

POSITION AND LOCATION		POTENTIAL
ELECTRICAL ENGINEER, GS-850-7/9/11/12, VARIOUS LOCATIONS*		12
TBL - TRANSMISSION FIELD SERVICES - TF		
OPENING DATE	CLOSING DATE (<i>Close of Business</i>)	ANNUAL SALARY
02/02/2000	Open Until Further Notice	\$34,408.00 - \$65,735.00

Selections at Bonneville Power Administration (BPA) are based on merit and are accomplished without regard to political, religious, or union affiliation or non-affiliation, marital status, race, color, national origin, sex, sexual orientation, age, or non-disqualifying physical disability; nor will such action be based upon any personal relationship, patronage, or nepotism.

WHO MAY APPLY (*U.S. Citizenship required*)

- ☒ Career and career-conditional employees of the Bonneville Power Administration
- ☒ Status Applicants (*applicants who are current Federal employees with competitive status*)
- ☒ Veteran's Readjustment Appointment (*for further information, see Veterans Administration web link below*)
NOTE: Applicants who are requesting consideration based on veteran's preference must submit proof of eligibility at the time of application. In general, proof is a Standard Form DD-214, Certification of Discharge, or other documentation that provides proof of service.
- ☐ Disabled Persons - **NOTE:** Reasonable accommodation may be made for qualified applicants or employees with disabilities, except when doing so would pose an undue hardship on BPA.
- ☐ Disabled Veterans - **NOTE:** Must provide SF15, current supporting documentation from VA and DD214.
- ☒ Career Transition Assistance Program Eligible (*for further information, please see BPA web link below*)
- ☒ Reinstatement Eligible Applicants: (*for further information on reinstatement, please see the "usajobs" web link below*)
- ☒ General Public

NOTE

- **MORE THAN ONE SELECTION MAY BE MADE**
- **RELOCATION EXPENSES MAY BE PAID**
- ***CURRENT OPENINGS AT: KENT, WA; GOSHEN AND REDMOND, OR**
- **ADDITIONAL SELECTIONS MAY BE MADE AT OTHER LOCATIONS**

DUTIES AND RESPONSIBILITIES

- **The incumbent is responsible for analyzing equipment performance and failures in the District which is essential for continuity of electrical power delivered throughout the Northwest, providing increased transmission line capacity, security against damage to multi-million dollar equipment and systems, and minimization of potential electrical power outage duration.**
- **Serves as Electrical Engineer in System Protection Control District. Equipment responsibilities include protective relaying, metering, telemetering, alarm and data logging systems and a wide range of control schemes.**
- **Examines scheme design for conformance with accepted practice in the specialized field.**
- **Investigates equipment malfunction and takes or recommends corrective action, depending on the nature of the problem and equipment involved.**
- **Analyzes automatic fault clearing operations for proper protective scheme projects and power circuit breaker operation.**
- **Provides engineering advice and services on system operation, equipment theory, and equipment problems to**

Successful completion of a full 4 year course of study in an accredited college or university leading to a bachelor's or higher degree that included a major field of study or specific course requirements or have at least 24 semester hours of course work in the field(s) identified. Course work in fields closely related to those specified may be accepted if it clearly provides applicants with the background of knowledge and skills necessary for successful job performance. One year of full time undergraduate study is defined as 30 semester hours or 45 quarter hours and is equivalent to 9 months of general experience.

Graduate Education

Education at the graduate level in an accredited college or university may meet the requirements for positions at the GS-7 through GS-11 levels. Such education must demonstrate the knowledge, skills, and abilities necessary to do the work. One year of full time graduate education is considered to be the number of credit hours that the school attended has determined to represent 1 year of full time study. If that information cannot be obtained from the school, 18 semester hours should be considered as satisfying the 1-year of full time study requirements.

Superior Academic Achievement (SAA)

In order to be creditable under this provision, superior academic achievement must have been gained in a curriculum that is qualifying for the position. Superior Academic Achievement is based on:

- 1) class standing– upper third of the graduating class,
- 2) grade point average– 3.0 or higher based on 4 years of education and recorded on their transcript, or 3.5 or higher based on the average required courses completed in the major field during the final 2 years of the curriculum, or
- 3) Honor society membership– membership in one of the national scholastic honor societies.

Combining Graduate Education and Experience

Combinations of successfully completed graduate level education and specialized experience may be used to meet total experience requirements. Only graduate education in excess of the amount required for the next lower grade level may be combined with experience.

- Bonneville Staff Managers also maintain copies of the qualification standards.
- Applicants who meet minimum qualifications will be further assessed to determine the best-qualified applicants. Only applicants who are determined to be best qualified will be referred for selection. Applicants will be evaluated on the basis of the following knowledge, skills, and abilities.

KNOWLEDGE, SKILLS, AND ABILITIES: *Candidates should submit a narrative statement on a separate page(s) with specific responses to the knowledge, skills, and abilities (KSAs) in this announcement. Failure to submit your narrative response to the KSAs for this job may negatively affect your eligibility and /or rating for this position.*

- 1. Knowledge of electrical engineering theory and practice associated with the application of protective relaying, metering, supervisory control, data acquisition, telemetering, stability controls, and related equipment.**
- 2. Ability to utilize test equipment and other instrumentation to collect power system data in the investigation of system problems and to determine corrective actions.**
- 3. Knowledge of coordinated schemes for the control and protection of lines and equipment on high voltage power systems. The ability to conduct fault calculations and relay coordination studies utilizing manual methods and computer programs.**
- 4. Ability to independently solve technical problems in the absence of established methods and procedures.**
- 5. Knowledge of substation construction and test and engineering (T&E) procedures and processes & the ability to assume the role of Lead Engineer for T&E work as assigned.**
- 6. Ability to communicate effectively both orally and in writing as well as the ability to work as a team member with other organizations in resolving technical problems.**

APPLICATION INFORMATION

There is no specific required application form. There is specific information that you are required to submit. For further information on completing your application, please refer to the “usajobs” web link.

- Applicants may, at their choice, submit a resume, the Optional Application for Federal Employment (OF 612), a copy of the obsolete Application for Federal Employment (SF 171), or any other written application format.
- All applications must contain sufficient information to determine eligibility for the position according to the qualification statement in this announcement.
- Applicants will not be contacted for missing information nor will late material be accepted.

HOW TO APPLY

Submit your application with supplemental information specifically addressing the Knowledge, Skills, and Abilities ranking factors. In order for supplemental information to be considered in the rating and ranking process, it **must be received with the application**. Your application package should include the following:

1. Your resume, or other application, that fully describes your education and experience.
2. Your response to the knowledge, skills, and abilities described above.
3. If you are applying as a reinstatement or status candidate from another Federal agency, please include a copy of your most recent Standard Form 50, Notification of Personnel Action.
4. If you are applying for consideration as a veteran, you must provide the documentation required above.
5. All non-BPA applicants are encouraged to complete and submit form SF 181, Race and National Origin Identification.

If you have questions, you may call the Staffing Center, 360-418-2090 or 503-230-3055.

Do not submit letters of recommendation, transcripts, copies of awards, training certifications, copies of position descriptions, or published works unless specifically requested above. Applicants should retain a copy of their application as BPA does not return applications or provide copies.

WHERE TO APPLY

Bonneville Power Administration, ATTN: Personnel Services – CHR/PSB2, PO BOX 491, Vancouver, WA 98666-0491.

RECEIPT OF APPLICATION

Your complete application must reach the issuing office by the closing date. You may also submit your application by fax or email.

Fax Applications

Faxed applications should be sent to **360-418-2063**. Applicants are responsible for ensuring that application materials transmit successfully.

Email Applications

Applications should be sent as attachments to: **bpaapplicants@bpa.gov**. The Vacancy Announcement Number must be included in the Subject line of the email. Required forms may be sent as email attachments, may be faxed, or sent as hardcopy. Application materials provided by different means must be cross-referenced so they may be combined at BPA. Applicants who apply by email will receive an email confirmation. Applicants are responsible for ensuring that application materials are formatted in a means that will transmit successfully.

www.va.gov	www.bpa.gov	www.usajobs.opm.gov	http://www.opm.gov/qualifications/index.htm
Veterans Administration	Bonneville Power Administration	Office of Personnel Management	Office of Personnel Management

**GEOGRAPHIC AVAILABILITY FORM
ELECTRICAL ENGINEER
SYSTEM PROTECTION CONTROL**

NAME	DATE:
SOCIAL SECURITY #:	VACANCY # 00-126

ONLY CHECK THE LOCATIONS FOR WHICH YOU ARE AVAILABLE.

<div style="margin-bottom: 5px;"><input type="checkbox"/> <u>OREGON</u></div> <div style="margin-bottom: 5px;"><input type="checkbox"/></div> <div style="margin-bottom: 5px;"><input type="checkbox"/></div> <div style="margin-bottom: 5px;"><input type="checkbox"/> GOSHEN</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> MALIN</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> NORTH BEND</div> <div style="margin-bottom: 5px;"><input type="checkbox"/></div> <div style="margin-bottom: 5px;"><input type="checkbox"/> REDMOND</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> SALEM</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> THE DALLES</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> UMATILLA</div>	<div style="margin-bottom: 5px;"><input type="checkbox"/> <u>WASHINGTON</u></div> <div style="margin-bottom: 5px;"><input type="checkbox"/></div> <div style="margin-bottom: 5px;"><input type="checkbox"/> KITSAP</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> KENT</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> LONGVIEW</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> OLYMPIA</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> PASCO</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> RICHLAND</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> SNOHOMISH</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> SPOKANE</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> VANCOUVER</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> WETNACHEE</div>	<div style="margin-bottom: 5px;"><input type="checkbox"/> <u>IDAHO</u></div> <div style="margin-bottom: 5px;"><input type="checkbox"/></div> <div style="margin-bottom: 5px;"><input type="checkbox"/> BURLEY</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> LEWISTON</div> <div style="margin-bottom: 5px;"><input type="checkbox"/></div> <div style="margin-bottom: 5px;"><input type="checkbox"/></div> <div style="margin-bottom: 5px;"><input type="checkbox"/> <u>MONTANA</u></div> <div style="margin-bottom: 5px;"><input type="checkbox"/></div> <div style="margin-bottom: 5px;"><input type="checkbox"/> GARRISON</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> KALISPELL</div>
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